(19) World Intellectual Property Organization International Bureau



DIN TOKS ORKO () US OFFICE DAKO KRIS OKOA DOR DIBURA KRIS KA

(43) International Publication Date 10 August 2000 (10.08.2000)

(10) International Publication Number WO 00/46240 A3

- C07K 14/705, (51) International Patent Classification7: C12N 15/00, C07K 16/28
- (21) International Application Number: PCT/US00/01871
- (22) International Filing Date: 27 January 2000 (27.01.2000)
- English (25) Filing Language:
- (26) Publication Language:

English

US

(30) Priority Data: 09/244,448 09/264.527

- 3 February 1999 (03.02.1999) 8 March 1999 (08.03.1999)
- (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier applications:

09/244,448 (CIP) US 3 February 1999 (03.02.1999) Filed on 09/264.527 (CIP) US 8 March 1999 (08.03.1999) Filed on

(71) Applicant (for all designated States except US): AMGEN INC. [US/US]: One Amgen Center Drive, Thousand Oaks, CA 91320-1799 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): YOSHINAGA, Steven, Kivoshi [US/US]; 644 Lynwood Street, Thousand Oaks, CA 91360 (US).

- (74) Agents: ODRE, Steven, M. et al.; Amgen, Inc., One Amgen Center Drive, Thousand Oaks, CA 91320-1799 (US).
- (81) Designated States (national): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

- With international search report.
- Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.
- (88) Date of publication of the international search report: 21 December 2000

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: POLYPEPTIDES INVOLVED IN IMMUNE RESPONSE